

Department of Mechanical Engineering

University of Moratuwa, Moratuwa 10400, Sri Lanka.

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30-07-2024

Deporty Chief Secretary, H.R. Management, Southern Provincial Counc

Dear Sir/Madam,

Training Courses on Computer Aided Draughting & 3D Modelling Using AutoCAD

We are pleased to inform you that the Department of Mechanical Engineering, University of Moratuwa is in a position to provide training programmes on the following software packages.

- AutoCAD
- Autodesk Inventor Professional,
- Autodesk Architectural Desktop,
- Autodesk Mechanical Desktop,
- Autodesk VIZ.
- Autodesk Raster Image,

One of our primary objectives is to conduct Continuous Professional Development (CPD) programmes to support the industry personnel to upgrade their knowledge in latest tools and technologies. As such we continuously revise our existing CPD programmes on draughting and modelling using AutoCAD to cover the latest version available.

Classes for the new intakes of our regular courses on draughting and modelling will commence in 07th September 2024. We would therefore like to receive nominations from your organization for suitable candidates before 28th August 2024 The details of the courses and copies of application forms are attached herewith for your kind consideration.

Courses offer in January 2024:

• Course 1 : Computer Aided Draughting (2D) Intake 71

- Commences on September 2024

• Course 2 : Computer Aided 3D Modelling (3D) Intake 51

- Commences on September 2024

Thanking You,

K.H. Janaka Mangala,

Lecturer-in-Charge / Course Coordinator (AutoCAD)

CAD/CAM/CAE Centre,

Department of Mechanical Engineering,

University of Moratuwa,

Moratuwa 10400.

Training Courses on AutoCAD 2016



CAD/CAM/CAE Centre **Department of Mechanical Engineering**

University of Moratuwa

Tel.: 264 0460 (direct), 265 0301, 265 0340 (ext.4559) Fax.: 265 0622

Email: munilhw@uom.lk

Home Page: http://www.mech.mrt.ac.lk/courses/short-courses/autocad



: ME / SC / CAD / 2024/ 02-2D71 Course Code

:Training Course on "Computer Aided Draughting - 2D" Using AutoCAD® - Intake 71 Course Title

Course Content (Key topics) : Engineers, Architects, Quantity Surveyors, Target Group Draughtpersons & those who have knowledge of Introduction to Computers & Windows engineering draughting (civil, mechanical, electrical, • Fundamentals of Computer Graphics & AutoCAD • 2D Construction & Editing tools Advanced editing & construction techniques Entry requirement: Knowledge of Draughtsmanship / Draughting Blocks, Attributes & External References Duration : 12 Full Saturdays · Tables & Dynamic Blocks Model & Paper Space : Lectures, tutorials & a project in the relevant field Schedule Printing & Plotting Course Fee : Rs, 28,000/= Assignments & Project Introduction to 3D Modelling : 07th September 2024 Commence on · Isometric Views, etc. : 28th August 2024 Apply before

ME / SC / CAD / 2024 / 02-3D51 Course Code :

: Training Course on "Computer Aided 3D Modelling" Using AutoCAD® - Intake 51 Course Title

Course Content (Key topics) Engineers, Architects, Draughtpersons, Interior Target Group

Designers, etc

Computer Aided 2D draughting, Knowledge of

Entry requirement:

Draughtsmanship

: 12 Full Saturdays Duration

: Lectures, tutorials & a project in the relevant field Schedule

: Rs 30,000/= Course Fee

: 07th September 2024 Commence on

: 28th August 2024 Apply before

- Fundamentals of Computer Aided 3D Modelling
- · Fundamentals of Wireframe, Surface & Solid Modellina
- · Creating Surface & Solid Models
- · Advanced 3D Modelling & Editing Techniques
- · Parallel & Perspective Views
- · Basic & Photo-realistic Rendering
- Using Lights, Scenes & Applying Materials
- · Generating 2D Views, etc.
- Assignments and Project
- Printing & Plotting
- · Introduction to Architectural Desktop and Mechanical Desktop
- We are now an Autodesk Education Partner with the technical support from the developers of AutoCAD.
- · Participants who meet the minimum attendance requirements and successfully complete the assignments and the project will be issued an internationally recognized certificate.
- Participants are assured with continuous technical support from the course team.
- Participants are eligible to participate in AutoCAD related seminars conducted by the Department of Mechanical Engineering at concessionary rates.
- Nominees from Government and Private Sector Organizations with required qualifications will be given priority.

Duly filled applications and copies of certificates should be forwarded to \rightarrow (Attach ONLY the copies of Professional / Technical Certificates)

Applications:

- Forward a Self-Addressed Stamped Envelope (9"x4") to the Course Coordinator,
- Collect in-person from the CAD/CAM/CAE Centre or
- · Download from http://www.mech.mrt.ac.lk

K.H. Janaka Mangala Course Coordinator (AutoCAD), CAD/CAM/CAE Centre, Department of Mechanical Engineering, University of Moratuwa, Moratuwa 10400.

Please write the COURSE NAME clearly on the left-hand top corner of the envelope



TRAINING COURSES ON COMPUTER AIDED DRAUGHTING -2D (AUTOCAD) COMPUTER AIDED 3D MODELLING (AUTOCAD)



APPLICATION FORM

FORWARD YOUR PROFESSIONAL A	K.H. JANAKA MANGALA COURSE COORDINATOR CAD/CAM/CAE CENTRE										
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Experience in Current Position Less than a year	owed & Duration			(Attach C	opies of Certificates	
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Information furnished above is true and accurate to the best of my knowledge. Applicant's Signature: Nominees from Private and Public Sector Organizations: To certify that the applicant has sufficient knowledge and / or experience to follow the above course. The public of the Recommending Officer:						
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